

# Human HIF-1 alpha/HIF1A (His Tag) recombinant protein



Catalog Number: 501136

## General Information

### Gene Name Synonym

ARNT-interacting protein; Basic-helix-loop-helix-PAS protein MOP1; Class E basic helix-loop-helix protein 78; Member of PAS protein 1; PAS domain-containing protein 8

### Protein Construction

A DNA sequence encoding the human HIF1A isoform 1 (Q16665-1) N-terminal segment (Arg 575-Asn 826) was expressed, with a polyhistidine tag at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Met

### Molecular Mass

The recombinant human HIF1A consisting of 259 amino acids and has a calculated molecular mass of 28.4 kDa. It migrates as an approximately 34 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

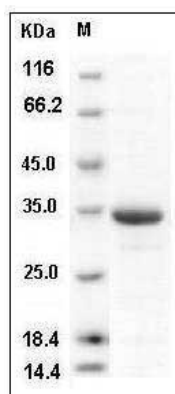
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human HIF-1 alpha / HIF1A Protein (His Tag)  
SDS-PAGE